

## AGENDA

### **Biological and Environmental Research Advisory Committee (BERAC) Meeting May 14-15, 2007 Salon D – Bethesda North Marriott and Conference Center**

#### **Monday May 14, 2007**

- 9:00 – 9:30 Welcome and Introductions, BERAC members / Michelle Broido, Chair
- 9:30 – 10:00 Report on BERAC Atmospheric Radiation Measurement Facilities Charge  
**Joyce Penner**, BERAC
- 10:00 – 10:30 Report on BERAC Integrated Assessment Charge  
**William Pizer**, Resources for the Future
- 10:30 – 11:00 Report on DOE Energy Efficiency and Renewable Energy Biomass Program, **John Ferrell**, DOE Office of Biomass Programs
- 11:00 – 11:15 BREAK
- 11:15 – 12:15 Science Talk, **Paul Vaska**, Brookhaven National Laboratory  
BER Presidential Young Investigator Awardee  
“Advances in Instrumentation for Small-Animal PET Imaging”
- 12:15 – 1:45 Lunch on your own
- 1:45 – 2:45 State of Biological and Environmental Research (BER)  
**Mike Viola**, Acting Associate Director
- 2:45 – 3:15 Presentation on Genomic Encyclopedia of Bacteria and Archaea  
**Eddy Rubin**, DOE Joint Genome Institute  
**Rick Stevens**, Argonne National Laboratory
- 3:15 – 3:30 BREAK
- 3:30 – 4:00 Overview of BP Energy Biosciences Institute at the University of California at Berkeley  
**Chris Somerville**, BERAC
- 4:00 – 4:30 Report on Climate Change Research Division BERAC Committee of Visitors Review  
**Don Wuebbles**, University of Illinois

4:30 – 5:00 Interim Report on Status of Joint Advanced Scientific Computing Advisory Committee (ASCR) – BERAC on ASCR PART (Performance Assessment Rating Tool) Metric for GTL  
**John Wooley**, BERAC / **Rick Stevens**, ASCAC

5:00 – 5:30 BER funding strategy for the National Laboratories  
**David Thomassen**

5:30 – 6:00 New charges, new business, public comment

**Tuesday May 15, 2007**

9:00 – 10:00 **Ray Orbach**, DOE Under Secretary for Science

10:00 – 10:30 Reports from BER Research Divisions  
**Mike Viola**, Life and Medical Sciences Division  
**Jerry Elwood**, Climate Change Research Division  
**Mike Kuperberg**, Environmental Remediation Sciences Division

10:30 – 10:45 BREAK

10:45 – 11:45 Science Talk, **John Zachara**, Pacific Northwest National Laboratory, 2007 E.O. Lawrence Awardee  
"Biogeochemistry of Technetium: Discriminating Microscopic Abiotic and Microbiologic Reaction Processes and Their Implications to Fate and Transport."

11:45 – 12:00 New business, public comment